

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

ATTORNEYS AT LAW

1100 NEW YORK AVENUE, N.W., SUITE 600
WASHINGTON, D.C. 20005-3934

(202) 371-2600

FACSIMILE: (202) 371-2540; (202) 371-6566

ROBERT GREENE STERNE
EDWARD J. KESSLER
JORGE A. GOLDSTEIN
SAMUEL L. FOX
DAVID K.S. CORNWELL
ROBERT W. ESMOND
TRACY-GENE G. DURKIN
MICHELE A. CIMBALA
MICHAEL B. RAY
ROBERT E. SOKOHL

ERIC K. STEFFE
MICHAEL O. LEE
STEVEN R. LUDWIG
JOHN M. COVERT*
LINDA E. ALCORN
RAZ E. FLESHNER
ROBERT C. MILLONIG
MICHAEL V. MESSINGER
JUDITH U. KIM
TIMOTHY J. SHEA, JR.

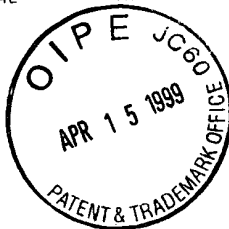
DONALD R. MCPHAIL
PATRICK E. GARRETT
STEPHEN G. WHITESIDE
NOEL B. WHITLEY
JEFFREY T. HELVEY*
HEIDI L. KRAUS
JEFFREY R. KURIN
RAYMOND MILLIEN
PATRICK D. O'BRIEN
BRIAN S. ROSENBLUM

LAWRENCE B. BUGAISKY
CRYSTAL D. SAYLES*
EDWARD W. YEE
ALBERT L. FERRO*
DONALD R. BANOWIT*
PETER A. JACKMAN*
MOLLY A. MCCALL*
TERESA U. MEDLER*
JEFFREY S. WEAVER*

DONALD J. FEATHERSTONE**
KAREN R. MARKOWICZ**
GRANT E. REED**
SUZANNE E. ZISKA**
BRIAN J. DEL BUONO**
CAMERON H. TOUSI**
VINCENT L. CAPUANO**

ROBERT H. BENSON*
OF COUNSEL

*BAR OTHER THAN D.C.
**REGISTERED PATENT AGENTS



April 15, 1999

WRITER'S DIRECT NUMBER:
(202) 789-5525

INTERNET ADDRESS:
BRIAND@SKGF.COM

APR 16 1999

Assistant Commissioner for Patents
Washington, D.C. 20231

GROUP 180r

Re: U.S. Utility Patent Application
Appl. No. 09/177,387; Filed: October 23, 1998
For: **Recombinational Cloning Using Nucleic Acids Having Recombination Sites**
Inventors: HARTLEY *et al.*
Our Ref: 0942.2850004/RWE/BJD

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Reply To Restriction Requirement;
2. Preliminary Amendment and Submission of Substitute Sequence Listing;
3. A paper copy of the Substitute Sequence listing (pages 1-19);
4. A computer readable disk copy of the Substitute Sequence listing;
5. Information Disclosure Statement (*in duplicate*);
6. A list of the cited references on Form PTO-1449 (23 pages);
7. Copies of the seventy-nine (79) cited references;
8. Return post card.

In accordance with 37 C.F.R. § 1.825(a), the substitute sequence listing submitted herewith contains no new matter. In accordance with 37 C.F.R. § 1.825(b), the paper copy of the substitute sequence listing and the computer readable copy of the substitute sequence listing submitted herewith in the above application are the same.

Assistant Commissioner for Patents
April 15, 1999
Page 2

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. A duplicate copy of this letter is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Brian J. Del Buono
Agent for Applicants
Registration No. 42,473

RWE/BJD/dmb
Enclosures